

IN THE CLAIMS:

Please amend claims 1-7, 9-13, and 15-16 as follows.

1. (Currently Amended) A data transmission method, the method comprising:
employing a packet protocol for data transmission;
identifying at least some participants of the data transmission with different
internet protocol addresses, wherein the participants comprise at least one terminal
equipment unit, a mobile station with a mobile termination, and a network device;
activating a packet data context for data transmission between identified
participants;
associating one packet data context with ~~more than one~~ all of the internet protocol
addresses of the participants; and
transmitting data between the identified participants.
2. (Currently Amended) The method of claim 1, further comprising:
activating the packet data context in a the mobile station.
3. (Currently Amended) The method of claim 1, further comprising:
identifying ~~one or more units of the~~ at least one terminal equipment unit with a
unique internet protocol addresses, the terminal equipment unit being connected to a the
mobile termination of the mobile station; and

identifying the mobile termination with a unique internet protocol address.

4. (Currently Amended) The method of claim 3, further comprising:
the mobile termination sending packet data from ~~more than one~~the internet
addresses using one packet data context.

5. (Currently Amended) The method of claim 3, further comprising:
the mobile termination receiving packet data associated with more than one
internet address; and
forwarding each packet to the at least one terminal equipment unit with the
respective internet address.

6. (Currently Amended) The method of claim 1, further comprising:
activating the packet data context between ~~a~~the mobile station and a gateway
support node.

7. (Currently Amended) The method of claim 1, further comprising:
transferring data between ~~a~~the mobile station and a gateway support node relating
to more than one internet address using one packet data context.

8. (Previously Presented) The method of claim 1, further comprising:

activating one packet data context for each quality of service in use.

9. (Currently Amended) The method of claim 3, further comprising:

the mobile termination sending a request to ~~the~~ a network for a new internet address, when new terminal equipment is connected to the mobile termination; and associating the internet address with the packet data context.

10. (Currently Amended) The method of claim 3, further comprising:

the mobile termination sending a request to ~~the~~ a network to release the at least one internet address of terminal equipment, when the at least one terminal equipment is disconnected from the mobile termination; and disassociating the internet address from the packet data context.

11. (Currently Amended) A telecommunication system, comprising:

a first unit comprising a mobile termination and at least one unit of terminal equipment, each identified by a different internet protocol; and

a second unit comprising a network device,

wherein the first unit and the second unit are configured to communicate with each other using a packet protocol for data transmission,

wherein at least some participating units of the data transmission are identified with different internet protocol addresses, the participating units comprising the mobile termination, the at least one unit of terminal equipment, and the network device,

wherein the first and the second unit are configured to activate a packet data context for data transmission between the participating units, and

wherein the first unit and the second unit are configured to associate one packet data context ~~for more than one~~ with all of the internet protocol addresses of the participating units.

12. (Currently Amended) The system of claim 11, wherein the first unit comprises a mobile termination and one or more units of terminal equipment, each identified by a different internet protocol address.

13. (Currently Amended) The system of claim 12, wherein the second unit is comprises a gateway support node, and wherein the gateway support node and the mobile termination are configured to activate a packet data context, and to use the packet data context in the data transmission relating to more than one internet address.

14. (Previously Presented) The system of claim 11, wherein the system is configured to support connections with a different quality of service, and the first and the second unit are configured to activate one packet data context for each quality of service.

15. (Currently Amended) An apparatus, comprising:
a plurality of transmission units;
wherein each of the plurality of transmission units are configured to communicate with a network device using a single packet data context; and
wherein each of the plurality of transmission units has a unique internet protocol address.

16. (Currently Amended) An apparatus, comprising:
a plurality of transmission means for communicating information in a communications network;
wherein each of the plurality of transmission means are ~~configured to~~ are for ~~communicate~~ communicating with a network device using a single packet data context; and
wherein each of the plurality of transmission means has a unique internet protocol address.

17. (Previously Presented) The method of claim 1, wherein the associating one packet data context with more than one internet protocol address comprises associating one packet data context with more than one internet protocol address of a same type to one another.

18. (Previously Presented) The system of claim 11, wherein the more than one internet protocol address comprises addresses of a same type to one another.